

PATENT NUMBER and
ISSUE DATE

U.S. UTILITY Patent Application

APPL NUM 10038783	FILING DATE 12/31/2001	CLASS 707 707	SUBCLASS 4	GAU 2177 2122	EXAMINER R. B. D. W. G.
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**APPLICANTS: Ramesh, Bhashyam;

**CONTINUING DATA VERIFIED:

None *cen*

** FOREIGN APPLICATIONS VERIFIED:

None *cen*

Best Available Copy

PG-PUB	DO NOT PUBLISH <input checked="" type="checkbox"/>	RESCIND <input type="checkbox"/>
Foreign priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no		ATTORNEY DOCKET NO
35 USC 119 conditions met <input type="checkbox"/> yes <input type="checkbox"/> no		10239
Verified and Acknowledged Examiners's initials		
TITLE : Optimizing an exclusion join operation using a bitmap index structure		

U.S. DEPT. OF COMM. / PAT. & TM. / PTO-436L (Rev. 12-94)

NOTICE OF ALLOWANCE MAILED		CLAIMS ALLOWED	
		Total Claims	Print Claim for O.G.
Assistant Examiner		DRAWING	
		Sheets Drwg.	Figs. Drwg.
Primary Examiner		Print Fig.	
PREPARED FOR ISSUE		Application Examiner	
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